1631. *[Transferred to* 31st *July,* 1992].

**Study of vedas and upanishads**

1632. SHRI S.K.T. RAMACHAND. RAN: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that the interaction of nuclear science with latest advanced theories of cosmology as to the first cause of the uni, verse, leads to conclusion very akin to the Indian Vedic observations; and

(to) what steps are being taken by Government to encourage the study of Vedas and Upanishads with reference to the latest developments in nuclear sciences and cosmology?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MINISTER OF STATE IN THE PAR-LIAMENTARY AFFAIRS (SHRI P. R. KUMARAMANGALAM): (a) and (b) Government is encouraging studies on Vedas, Upanishads etc. in context of developments in Science and Technology through specific projects and workshops. Some selected examples are:

(i) A concise History of Science in India Published by the Indian National Science Academy (INSA), 1971.

(ii) History of Science and Technology in Ancient India in Two Volumes (1986, 1991)—Sponsored by the National Institute of Science & Technology and Development Studies (NISTADS). '

(iii) Coordination Programme re. lated to the Foundations and Methodologies of Theoretical Sciences (logic, mathematics, linguistics, cognitive science in Indian Tradition-Sponsored by Department of Science and Technology (DST).

A combination of modem theoriea of nuclear science and cosmology, suggest a scenario for the origin of the universe, which may seem broadly similar to the vedantic view in this respect.

**Failure of ASLV**

1633. CHOWDHRY HARI SINGH: Will the PRIME MINISTER be pleas. ed to state;

(a) what were the Snags for the failure of the ASLV Blast off into the space that toot place recently; and

(b) whether any improvements have been made to launch the Augmented Satellite Launch Vehicle successfully in future?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MINISTER OF STATE IN THE MINISTRY OF PARLIA-MENTARY AFFAIRS (SHRI P. R. KUMARAMANGALAM): (a) The recent launch at Augmented Satellite Launch Vehicle—D3 (ASLV —D3) on 20th May, 1992 was successful.

(b) Does not arise.

**अमरीका द्वारा भारतीय अन्तरिक्ष अनुसंधान संगठन को काली सूची में डाला जाना**

1634. श्री शंकर दयाल सिंह : क्या प्रधान मंत्री यह बताने की कृपा करेंगे कि :

(क) अमरीका द्वारा भारतीय अंतरिक्ष अनुसंधान संगठन को दो वर्षों के लिए काली सूची में डालने के अमरीका के निर्णय के कारण भारत के किन-किन अंतरिक्ष कार्यक्रमों पर असर पड़ा है ;

(ख) क्या सरकार ने इस संबंध में अमरीका से कोई विरोध प्रकट किया है, यदि हां, तो इस संबंध में अमरीका का उत्तर क्या है ; और